

WHAT IS CLAIMED IS:

1. A liquid crystal display with a narrow frame area, comprising:
a first substrate;
plural scan line metal layers and plural data line metal layers formed on said first substrate;
a second substrate attached to said first substrate by applying a seal at a periphery of one of said first substrate and said second substrate; and
an opaque layer formed on said second substrate at the inside of said seal,
wherein said scan line metal layers and said data line metal layers extend to the outside of said seal, and overlap with each other to form an integrated black matrix on said first substrate, which overlaps with said opaque layer on said second substrate.
2. The liquid crystal display according to claim 1, wherein said liquid crystal display is manufactured by a one drop fill (ODF) process.
3. The liquid crystal display according to claim 1, wherein said opaque layer is a black matrix.
4. The liquid crystal display according to claim 1, wherein said opaque layer is a mixture of a metal and an oxide of said metal.
5. The liquid crystal display according to claim 1, wherein said opaque layer is a resin with opacity.
6. The liquid crystal display according to claim 5, wherein said resin is one of a black resin and a color resin.
7. The liquid crystal display according to claim 1, wherein said opaque layer is a color filter.
8. The liquid crystal display according to claim 7, wherein said color filter is one selected from a group consisting of a red-colored layer, a green-colored

layer, a blue-colored layer and a combination thereof.

9. The liquid crystal display according to claim 1, wherein said seal overlaps with said integrated black matrix.

10. The liquid crystal display according to claim 1, wherein said seal is solidified by a UV light.

11. The liquid crystal display according to claim 1, wherein said integrated black matrix comprises an amorphous silicon layer.

12. A liquid crystal display with a narrow frame area, comprising:

a first substrate;

plural scan line metal layers and plural data line metal layers formed on said first substrate;

a second substrate attached to said first substrate by applying a seal at a periphery of one of said first substrate and said second substrate; and

an opaque layer formed on said second substrate at the inside and outside of said seal,

wherein said scan line metal layers and said data line metal layers extend to the outside of said seal, and overlap with each other to form an integrated black matrix on said first substrate, which overlaps with said opaque layer on said second substrate.

13. The liquid crystal display according to claim 12, wherein said liquid crystal display is manufactured by a one drop fill (ODF) process.

14. The liquid crystal display according to claim 12, wherein said opaque layer is a black matrix.

15. The liquid crystal display according to claim 12, wherein said opaque layer is a mixture of a metal and an oxide of said metal.

16. The liquid crystal display according to claim 12, wherein said opaque

layer is a resin with opacity.

17. The liquid crystal display according to claim 16, wherein said resin is one of a black resin and a color resin.

18. The liquid crystal display according to claim 12, wherein said opaque layer is a color filter.

19. The liquid crystal display according to claim 18, wherein said color filter is one selected from a group consisting of a red-colored layer, a green-colored layer, a blue-colored layer and a combination thereof.

20. The liquid crystal display according to claim 12, wherein said seal overlaps with said integrated black matrix.

21. The liquid crystal display according to claim 12, wherein said seal is solidified by a UV light.

22. The liquid crystal display according to claim 12, wherein said integrated black matrix comprises an amorphous silicon layer.